Altos General Purpose Server (Altos G series)

Acer Altos G320: Upgradable performance

The ultra-affordable Acer Altos G320 delivers outstanding performance, value and availability to small and medium-sized businesses. The Acer Altos G320 is based on Intel® Dual Core Technology and advanced tools make the server easy to manage, which can help control IT expenses. In addition to affordability, the Acer Altos G320 offers you the possibility to run RAID 0 or 1 on the latest SATA storage technology in a flexible and affordable manner.

Exceptional price performance

Flexible systems design methodologies allow you to configure the Acer Altos G320 to match your budget. Intel® Pentium® 4 processor with support for the Latest Dual Core processing technology, boost the performance of this level server substantially. DDR II ECC memory and SATA RAID storage provides affordable performance and data protection. This exceptional price performance allows the Acer Altos Solution partner community to offer Server features to SMBs at Desktop prices.

Best in class redundancy and scalability solutions

The Acer Altos G320 allows you to configure the system, to adapt to your business requirements.

- SATA RAID 0 and 1 - Optional RAID 5 support
- Optional SCSI support to provide increased scalabilty, performance and fault tolerance
- Five PCI slots for improved performance and productivity
- Integrated Dual Gigabit Ethernet for fast connectivity

Easy to install and manage

Acer Easybuild simplifies the installation and set-up, by providing an intuitive GUI based process and by providing all relevant tools to set up your Acer Altos G320. Advanced Server Manager software makes comprehensive systems management easy. ASM provides performance management and critical event management services to network administrators.These solutions help you control IT expenses by making the Acer Altos G320 simple and efficient to manage.

Typical solutions scenarios

- SMB application services
- File, print and fax services
- Share web access

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Acer Altos G520: Rackable dual processor Server

HIGHLIGHTS

- Leading edge technology workgroup server with 64 Bit Processing technology
- High end Server technology for very affordable price
- Flexible and modular design
- Best in class redundancy solutions
- Best in class performance
- Comprehensive systems management and installation solutions

The Acer Altos G520 provides outstanding value to workgroups by combining scalable performance and new availability features at an affordable price. Advanced capabilities make the server easy to manage, which can help control IT expenses. Redundancy features such as redundant power supplies and native RAID solutions are offered on the Acer Altos G520. The G520 also offers you the possibility to upgrade to enterprise server features such as redundant arrays of storage, in a flexible and affordable manner.

Highest price performance

Flexible systems design methodologies allow you to configure the G520 to match your budget. The Acer Altos G520 is based the latest Intels' Xeon Server processor technology, with EM64T Technology,which enables you to run tomorrows 64 bit applications on this platform. System performance can be scaled in line with your business growth, by the addition of a second processor. Redundant power supplies and redundant hot-swap hard disk drives provide affordable performance and data protection. The Acer Altos G520, as with all the Acer Altos family, is fully convertible from a tower to a rack mountable form factor.

Best in class redundancy and scalability solutions

The G520 allows you to configure the system, to adapt to your business requirements. Hot-swap features allow you to perform system maintenance without any system downtime.

- Native Raid 0/1 support, based on dual port sATA architecture
- 4 Hot-swap hard disk drive support
- Hot-swap power supply support
- Memory Sparing technology
- Optional RAID 5 to provide increased scalability, performance and fault tolerance
- Five PCI slots (Including one PCI Express, two 64 bit and two 32 Bit PCI slots) to increase I/O bandwidth for improved performance and productivity
- Integrated Gigabit Ethernet for fast connectivity

Easy to install and manage

Acer Easybuild simplifies the installation and set-up, by providing an intuitive GUI based process and by providing all relevant tools to set up your Acer Altos G520. Advanced Server Manager software makes comprehensive systems management easy.ASM provides performance management and critical event management services to network administrators. These

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components help you control IT expenses by making the G520 simple and efficient to manage.

Typical solutions scenarios

- Workgroup application services
- File, print and fax services
- Groupware
- Domain controller
- DNS Server

Acer Altos G530: Modular upgradability and flexibility

The Acer Altos G530 provides outstanding value to workgroups by combining scalable performance and new availability features at an affordable price. Advanced capabilities make the server easy to manage, which can help control IT expenses. Redundancy features such as redundant power supplies and native RAID solutions are offered on the Acer Altos G530. The Acer Altos G530 also offers you the possibility to upgrade to enterprise server features such as redundant arrays of storage, in a flexible and affordable manner.

64 Bit Performance

Flexible systems design methodologies allow you to configure the Acer Altos G530 to match your budget.The Acer Altos G530 is based the Intel® Xeon™ processor with 64 Bit processing technology, which enables you to run tomorrows 64 bit applications on this platform. System performance can be scaled in line with your business growth, by the addition of a second processor. Redundant power supplies and redundant Hot-swap hard disk drives provide affordable performance and data protection.The Acer Altos G530, as with all the Acer Altos family, is fully convertible from a tower to a rack mountable form factor.

Best in class redundancy and scalability solutions

The Acer Altos G530 allows you to configure the system, to adapt to your business requirements. Hot-swap features allow you to perform system maintenance without any system downtime.

- Native Raid 0/1 support, based on Ultra 320 SCSI architecture or Dual Channel SATA architecture
- Up to 8 Hot-swap hard disk drive support
- Up to 8GB of ECC DDR II Memory support
- Hot-swap power supply support
- Optional RAID 5 to provide increased scalability, performance and fault tolerance
- Five PCI slots to increase I/O bandwidth for improved performance and productivity
- Integrated Dual Gigabit Ethernet for fast connectivity

Easy to install and manage

Acer Easybuild simplifies the installation and set-up, by providing an intuitive GUI based process and by providing all relevant tools to set up your Acer Altos G530. Advanced Server Manager 7.0 software makes comprehensive systems management

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easy.ASM provides performance management and critical event management and remote console services to network administrators. These components help you control IT expenses by making the Acer Altos G530 simple and efficient to manage.

Typical solutions scenarios

- Workgroup application services
- File, print and fax services
- Groupware
- Domain controller
- DNS Server

Acer Altos G5350: Dual Core scalability and performance

The Acer Altos G5350 provides outstanding value to workgroups by combining scalable performance and new availability features at an affordable price. Advanced capabilities make the server easy to manage, which can help control IT expenses. Redundancy features such as redundant power supplies and native RAID solutions are offered on the Acer Altos G5350. The Acer Altos G5350 also offers you the possibility to upgrade to enterprise server features such as redundant arrays of storage, in a flexible and affordable manner.

64 Bit and Dual Core performance

Flexible systems design methodologies allow you to configure the Acer Altos G5350 to match your budget. The Acer Altos G5350 is based the AMD Opteron technology which enables you to run tomorrows 64 bit applications on this platform. In addition to a clear 64 Bit migration path, the Acer Altos G5350 also offers the unique industry features of Dual Core support in a pedestal platform. System performance can be scaled in line with your business growth, by the addition of a second processor or multiple core processors. The Acer Altos G5350 can support up to 4 Cores, thereby offering industry leading performance levels. Redundant power supplies and redundant Hot-swap hard disk drives provide affordable performance and data protection. The Acer Altos G5350, as with all the Acer Altos family, is fully convertible from a tower to a rack mountable form factor.

Best in class redundancy and scalability solutions

The Acer Altos G5350 allows you to configure the system, to adapt to your business requirements. Hot-swap features allow you to perform system maintenance without any system downtime.

- Native Raid 0/1 support, based on dual Ultra 320 SCSI
- Up to 8 Hot-swap hard disk drive support
- Up to 16GB of ECC Memory support
- Hot-swap power supply support
- Optional RAID 5 to provide increased scalability, performance and fault tolerance
- Six PCI slots (Including four 64 bit and two 32 Bit PCI slots) to increase I/O bandwidth for improved performance and productivity

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- Integrated Gigabit Ethernet for fast connectivity

Easy to install and manage

Acer Easybuild simplifies the installation and set-up, by providing an intuitive GUI based process and by providing all relevant tools to set up your Acer Altos G5350. Advanced Server Manager software makes comprehensive systems management easy. ASM provides performance management and critical event management and remote console services to network administrators. These components help you control IT expenses by making the Acer Altos G5350 simple and efficient to manage.

Typical solution scenarios

- Workgroup application services
- File, print and fax services
- Groupware
- Domain controller
- DNS Server

Acer Altos G710: Highly expandable application server

HIGHLIGHTS

- Highly expandable application server solution with support for with 64 Bit Processing technology
- Up to 1.17TB of internal storage and 16GB of system memory
- Best in class investment protection
- Best in class scalability and performance
- Comprehensive systems management and installation solutions

In distributed computing environments, servers are spread across many locations, high availability is key and limited resources challenge IT management. Such environments require the highest availability and a system which can scale to cater for tomorrow's local processing requirements. The Acer Altos G710 is designed as a highly available and high expandable solution for remote sites and branch offices.

Exceptional investment protection

The Acer Altos G710 is based on the latest Intel® Xeon Server processor technology, Intel® EM64T.This means your system is already compatible with forthcoming native 64-bit operating systems and applications. System performance can be scaled in line with your business growth, by the addition of a second processor. Redundant power supplies and redundant hot-swap hard disk drives provide affordable performance and data protection. The Acer Altos G710 is fully convertible from a tower to a rack mountable form factor. Internal storage can be upgraded to eight hot-swappable hard disk drives and system memory can be scaled to an enormous 16GB of high performance DDR2 memory. These scalability and upgradability features mean that you can rest assured that the Acer Altos G710 will cater for tomorrow's data processing requirements.

Highest availability, upgradability and scalability

The G710 offers hybrid server features, which allow you to focus on

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IS policy implementation with the confidence that your server infrastructure is well founded.

- Memory mirroring and sparing for data security and integrity
- Single Device Data Correction (SDDC) chip-fail
- Native RAID 0 and 1 - Optional SCSI RAID 5 with ROMB and 8 Hot-Swap Hard Disk Drive support
- Redundant hot plug system power supplies
- Hot-swap cooling fans
- Six PCI slots (Including two PCI Express™ and three 64 bit PCI-X slots) to increase I/O bandwidth for improved performance and productivity
- Integrated Dual Gigabit Ethernet with load balancing and fault tolerance supported

Easy to install and manage

Acer Easybuild simplifies the installation and set-up, by providing an intuitive GUI based process and by providing all relevant tools to set up your Acer Altos G710. Advanced Server Manager software makes comprehensive systems management easy and compliments the high system availability features outlined above. ASM provides performance management, remote management and critical event management services to network administrators. The G710 also supports a brand new manageability interface, Acer Altos E-Panel. The Panel provides a simple interface on the front of the system, which allows the administrator to monitor key system status events efficiently. These components help you control IT expenses by making the G710 simple and efficient to manage.

Typical solutions scenarios

- Remote site or branch office application services
- Dedicated application server
- - E-Commerce storefronts
- - Video Streaming
- Mail and messaging services
- High performance – low cost database engine
- Large infrastructure

Acer Altos G900: Your business centre

Close your eyes, sit quietly, and visualise having the computing strength, flexibility, and manageability you need to focus on the challenges of today's demanding business environment, and embrace success... Visualise the Acer Altos G900 enterprise server. Featuring intense processing power and high-level expansion, management, and reliability offerings, the Altos G900 will support your entire business operation and transform your sizeable networking needs into a more profitable, productive reality.

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Altos General Purpose Server (Altos G series) Server & Storage

Pricelist
Valid from 01/02/2006

Acer Altos G320

Upgradable performance

Standard Configuration	
Form Factor	Tower
Processor	Intel® Pentium® D processor at up to 3.2GHz Dual core processor support Intel® Hyper-Threading™ Technology 533/800MHz FSB Supports EM64T Intel® SpeedStep® technology 1MB/2MB or 2X1MB (Dual Core) L2 Cache
Number of processors	1
Memory (Std/Max)	Up to 4 or 8GB of ECC un-buffered memory *** 4 DIMM slots Dual-channel memory bus Two-way interleaving support
Expansion slots	One PCI Express® X8 slot One PCI Express® X8 slot (with x4 throughput) One PCI Express® X4 slot (with x1 throughput) Two 32-bit 33 MHz (3.3 V) PCI slots
Storage Interface	Integrated 4-port SATA software with RAID 0,1 and 10 support Optional U320 SCSI Support
Disk Bays	4 SATA or SCSI Hard drive bays Three 5.25"half-height device bays (1 Free)
Max Internal Storage	1TB SATA (4 250GB SATA drives) 1.2TB SCSI (4 300GB SCSI drives)
Network Interface	Integrated Dual Gigabit
System Power Supply	400W Switching Power Supply
Hot Swap Components	N/A
Systems Management	Acer Altos Advanced Server Manager Option Acer Altos Easybuild option
Floppy and CD	3.5"1.44MB FDD DVD
Cooling system	System fan
Operating systems supported	Microsoft® Windows® Server™ 2003 Enterprise Edition Microsoft® Windows® Server™ 2003 x64 Edition Novell® NetWare® 6.5 Red Hat Enterprise Linux 4.0 Red Hat Enterprise Linux 4.0 (EM64T) SCO Unixware 7.1.4 SCO Openserver 5.0.7 SuSE Linux Enterprise Server 9.0 SuSE Linux Enterprise Server 9.0 (EM64T)
Safety	UL, Nemko CB/GS, CE, CCC
EMI	FCC Class B, CE, BSMI, CCC
Weight	13.4 kg
Dimensions	424 (H) x 186 (W) x 477 (D) mm
Security features	Chassis intrusion alert Lockable side panel
On-board I/O connectors	Two PS/2 ports Four USB 2.0 ports (two front accessible) One serial port Two Ethernet (RJ-45) ports SVGA port
Options and acccessories	Software: Acer eBusiness Value Pack DDR2 533 or DDR2 667 un-buffered ECC DIMM modules: 512 MB or 1 GB HDDs: Non-hot-swappable 73/146/300 GB (10,000 rpm) U320 SCSI with 68-pin connectors 80/146/160/200/250 GB (7,200 rpm) SATA Add-on cards: ASC single-channel U320 SCSI ASC dual-channel U320 SCSI ASRC single-channel U320 RAID ASRC dual-channel U320 RAID Gigabit Ethernet server adapter SATA 3 Gb/s RAID card Storage drives: AIT-E or AIT-1 Turbo IDE internal, half-height DAT72 or AIT-2 Turbo SCSI internal, half-height LTO Ultrium 2 200/400 GB SCSI internal, half-height DVD-RW and DVD/CD-RW Altos external storage expansion kit

Product models and specifications may vary depending on country.
Please contact your local Acer office.

Model	Part Number	Price	
Altos G320 Server Altos G320 1x Pentium4 3.0HZ/800MHZ/1MB, 512MB DDR-II 533 , NO HDD, PCI SCSI U320-1 Channel, DVD, Mouse, 2 x Gigabit LAN OB, no KB, 1 Year On-Site NBD, 2 Year Carry-In Warranty	TT.G32I0.001	GBP 519.00	
Altos G320 Server Altos G320 1 x Pentium4 3.2GHZ/800MHZ/2MB, 512MB DDR-II 533 , NO HDD, DVD, Mouse, 2*Gigabit LAN OB, no KB, 1 Year On-Site, 2 Year Carry-In Warranty NBD	TT.G32I0.005	GBP 559.00	New
Altos G320 Server Altos G320 1 x Pentium 4 3.4GHZ/800MHZ/2MB, 512MB DDR-II 533 , NO HDD, DVD, Mouse, 2*Gigabit LAN OB, no KB, 1 Year On-Site, 2 Year Carry-In Warranty NBD	TT.G32I0.006	GBP 619.00	New
Altos G320 Server Altos G320 1x Pentium Dual Core, 3.0HZ/800MHZ/2 x 1MB, 512MB DDR-II 533, NO HDD, PCI SCSI U320-1 Channel, DVD, Mouse, 2 x Gigabit LAN OB, no KB, 1 Year On-Site NBD, 2 Year Carry-In Warranty	TT.G32D0.003	GBP 629.00	

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Acer Altos G520

Rackable dual processor Server

Standard Configuration	
Processor	Dual Intel® Xeon™ processors from 2.8 to 3.6GHz Intel® HT technology 800MHz FSB Supports Intel® Extended Memory 64 technology
Form Factor	Tower,Rack/5U
Number of processors	1/2
Cache (max)	1MB L2
Memory (Std/Max)	Up to 8GB of DDR333 SDRAM* 4 DIMM slots Memory Sparing technology * As 2GB DIMM's become available
Expansion slots	One X4 PCI Express™ slot Two 64-bit/66MHz PCI slots Two 32-bit/33MHz PCI slots
Storage interface	RAID 0. 1 sATA native support Optional SCSI RAID Optional SATA RAID 5 card
Disk bays	6 Hard drive bays Hotswap option for 4 HDD's SATA or SCSI 2 5.25" bays
Max Internal Storage	960GB sATA (6 160GB sATA drives) 876GB SCSI (6 146GB SCSI drives)
Network Interface	Integrated Gigabit Ethernet
System Power Supply (Std/Max)	610W Switching Power Supply with 1+1 Redundant option (1/2)
Hot Swap Components	Optional hard disk drives Power supplies
Systems management	Acer Altos Advanced Server Manager Acer Altos Easybuild
Floppy and CD	3.5"1.44 MB floppy disc drive 5.25"high-speed DVD-ROM
Cooling system	System fans
Operating systems supported	MS Windows 2000 Server MS Windows 2003 Server Novell Netware 6.5 Red Hat Linux 3.0 Enterprise Edition SCO Openserver 5.0.7 SCO Unixware 7.1.4
Safety	UL/cUL, Nemko GS, CE mark
EMI	FCC Class B, BSMI, CCC
Weight	28 kg - System weight will vary according to configuration. The weight indicated is for a typical configuration.
Dimensions	435 (H) x 195 (W) x 545 (D) mm
Security features	Altos EasyDiagnostics Chassis intrusion alert Lockable door
Onboard I/O connectors	Two PS/2 ports 9-pin serial port Four USB ports (two ports front accessible) Ethernet (RJ-45) port VGA/video port
Options and accessories	256 MB, 512 MB, 1 or 2 GB DDR333 registered ECC DIMM modules 73 GB U320 SCSI (10,000 or 15,000 rpm), or 146 GB U320 SCSI (10,000 rpm) HDDs, non-hot-swappable or hot-swappable with 68 or 80-pin connectors80, 120, or 160 GB SATA hard discs (7200 rpm) ASC single-channel SCSI card ASC dual-channel SCSI card ASRC single-channel RAID card ASRC dual-channel RAID card 4-channel SATA RAID card 10/100/1000 Ethernet server adapter AIT-1 35/91 GB IDE internal, half-height tape backup drive DDS4, DAT72, AIT-2 SCSI internal, half-height tape backup drive LTO Ultrium 1 100/200 GB SCSI internal half-height tape backup drive LTO Ultrium 2 200/400 GB SCSI internal/External full-height tape backup drive 610 W redundant, hot-swappable power supply module DVD-RW, DVD/CD-RW, DVD-ROM, and CD-ROM Altos rack mount kit

Product models and specifications may vary depending on country.
Please contact your local Acer office.

Model	Part Number	Price	
Altos G520 1 x 2.8GHZ/800/1MB, 512MB, 16 x DVD, sATA HS cage, no HDD.	TT.G52E0.008	GBP 819.00	
Altos G520 1 x 2.8GHZ/800/1MB, 512MB, 16 x DVD, SCSI HS cage, no HDD.	TT.G52E0.009	GBP 849.00	
Altos G520 1 x 2.8GHZ/800/1MB, 512MB, 16 x DVD, SCSI HS cage, no HDD.	TT.G52E0.009	GBP 849.00	

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Altos G520 1 x 3.0GHZ/800/1MB, 512MB, 16 x DVD, sATA HS cage, no HDD.	TT.G52E0.010	GBP 859.00	
Alltos G520 1 x 3.0GHZ/800/1MB, 512MB, 16 x DVD, SCSI HS cage, no HDD.	TT.G52E0.011	GBP 869.00	
Altos G520 1 x 3.2GHZ/800/1MB, 512MB, 16 x DVD, sATA HS cage, no HDD.	TT.G52E0.012	GBP 989.00	
Altos G520 1 x 3.2GHZ/800/1MB, 512MB, 16 x DVD, SCSI HS cage, no HDD.	TT.G52E0.013	GBP 999.00	

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Altos General Purpose Server (Altos G series) Server & Storage

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Acer Altos G530

Standard Configuration	
Form Factor	Tower, Rack/5U + 1U for Rack-Mount tray
Processor	Dual Intel® Xeon™ processors 800MHz FSB Extended Memory 64 Technology (EM64T) Intel® Hyper-Threading™ Technology Enhanced Intel® SpeedStep® Technology (EIST) support
Number of processors	1/2
Memory (Std/Max)	Up to 8GB of ECC DDR II SDRAM 4 DIMM slots Memory sparing support
Expansion slots	One PCI Express™ X8 slot (with X4 throughput) Two 64-bit 66MHz PCI-X slots Two 32-bit 33MHz 5 V PCI slots
Storage Interface	U320 SCSI Controller SATA Dual Channel Controller Native SCSI RAID 0 and 1 support Optional SCSI or SATA RAID 5 support
Disk Bays	8 SATA or SCSI disks 8 SATA or SCSI Hotswap option, in two Cage Bays 3 5.25" bays
Max Internal Storage	2.0TB SATA (8 250GB SATA drives) 2.4TB SCSI (8 300GB SCSI drives)
Network Interface	Dual Integrated 10/100/1000 Ethernet
System Power Supply	610W Redundant Switching Power Supply (1/2)
Hot Swap Components	Optional Hard Disk Drives Redundant Power Supply
Systems Management	Acer Altos Easybuild Acer Altos Advanced Server Manager v7.0 Acer Altos Remote Management Card option kit
Floppy and CD	1.44MB FDD 5.25"High Speed DVD ROM
Cooling system	System Fans Processor cooling fans
Operating systems supported	Microsoft® Windows® Server™ 2003 Enterprise Edition Microsoft® Windows® Server™ 2003 x64 Edition Novell® NetWare® 6.5 Red Hat Enterprise Linux 3.0 Red Hat Enterprise Linux 3.0 (EM64T) SCO Unixware 7.1.4 SCO Openserver 5.0.7 SUSE Linux Enterprise Server 9.0/EM64T
Safety	UL, Nemko GS, CB
EMI	FCC Class B, BSMI, CCC, CE
Weight	26 kg - System weight may vary according to configuration
Dimensions	445 (H) x 212 (W) x 550 (D) mm
Security features	Acer Altos Easydiagnostics - Power status LED - HDD access LED - LAN activity LED Chassis intrusion alert Lockable side panel
On-board I/O connectors	Two PS/2 ports Serial port Four USB 2.0 ports (two front accessible) Two Ethernet (RJ-45) ports VGA port
Options and acccessories	DDR2 400 registered ECC DIMM modules: 512 MB, or 1 or 2 GB HDDs: 36 GB (15,000 rpm), 73/146 GB (10,000 or 15,000 rpm), 300 GB (10,000 rpm) U320 SCSI with 68-/80-pin connectors 74 GB (10,000 rpm), 80/146/160/200/250 GB (7,200 rpm) SATA Add-on cards: ASC single-channel SCSI ASC dual-channel SCSI ASRC single-channel RAID ASRC dual-channel RAID 8-port SATA 3 Gb/s RAID Gigabit Ethernet server adapter Storage drives: AIT-E or AIT-1 Turbo IDE internal, half-height DAT72 or AIT-2 Turbo SCSI internal, half-height LTO Ultrium 2 200/400 GB SCSI internal, half-height DVD-RW or DVD/CD-RW 1+1 610 W hot-swappable, redundant power supply module Altos external storage expansion kit Altos rack mount kit

Modular upgradability and flexibility

Product models and specifications may vary depending on country.
Please contact your local Acer office.

Model	Part Number	Price	
Altos G530 Server Altos G530: 1x Xeon 3.0GHZ/800/2MB, 512MB, no HDD, 4 x SCSI Hot-Swappable HDD Cage, DVD, Mouse, 2 x Gigabit LAN OB, no KB, 3 Year Warranty On Site Next Business Day	TT.G53I0.003	GBP 875.00	
Altos G530 Server Altos G530: 1x Xeon 3.2GHZ/800/2MB, 512MB, no HDD, 4 x SCSI Hot-Swappable HDD Cage, DVD, Mouse, 2 x Gigabit LAN OB, no KB, 3 Year Warranty On Site Next Business Day	TT.G53I0.001	GBP 925.00	

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Acer Altos G5350

Dual Core scalability and performance

Standard Configuration	
Form Factor	Tower, Rack/5U + 1U for Rack-Mount tray
Processor	Dual AMD Opteron™ single-core or dual-core processors from 246 to 275 or higher AMD HyperTransport™ technology Supports 64-bit extension technology
Number of processors	1/2
Memory (Std/Max)	1GB to 16GB of ECC DDR333/400 SDRAM 8 DIMM slots
Expansion slots	Four 64-bit 66MHz PCI slot Two 32-bit 33MHz PCI slot
Storage interface	Dual U320 SCSI controller RAID 0 and 1 Native Support Optional SCSI or SATA RAID 5 support
Disk bays	8 SATA or SCSI disks 8 SATA or SCSI Hotswap option, in two Cage Bays 3 5.25" bay
Max Internal Storage	2.0TB SATA (8 250GB SATA drives) 2.4TB SCSI (8 300GB SCSI drives)
Network Interface	Integrated 10/100/1000 Ethernet
System Power Supply (Std/Max)	610W Redundant Switching Power Supply (1/2)
Hot Swap Components	Optional Hard Disk Drives Redundant Power Supply
Systems management	Acer Altos Easybuild Acer Altos Advanced Server Manager v7.0 option kit Acer Altos Remote Management Card option kit
Floppy and CD	5.25"high-speed DVD-ROM
Cooling system	System fans Processor cooling fans
Operating systems supported	Microsoft® Windows® 2003 Microsoft® Windows® 2003 x64 RedHat Linux Enterprise Server 4.0 Novell Netware 6.5 SUSE Linux Enterprise Server 9.0
Safety	UL/cUL, Nemko GS, CB
EMI	FCC Class B, BSMI, CCC, CE
Weight	26 kg - System weight will vary according to configuration. The weight indicated is for a typical configuration
Dimensions	445 (H) x 212 (W) x 550 (D) mm
Security features	Acer Altos Easydiagnostics Lockable side panel
Onboard I/O connectors	Two PS/2 ports Serial port Parallel port Four USB ports (two front accessible) Ethernet (RJ-45) port VGA/video port
Options and accessories	DDR 333/400 registered ECC DIMM modules: 512 MB, or 1GB or 2 GB Hotswap 36 GB (15,000 rpm), 73/146 GB (10,000 or 15,000 rpm), 300 GB (10,000 rpm) U320 SCSI with 80-pin connectors 80/146/160/200/250 GB (7,200 rpm) SATA ASC single-channel SCSI ASC dual-channel SCSI ASRC single-channel RAID ASRC dual-channel RAID 8-port SATA 3 Gb/s RAID AIT-E or AIT-1 Turbo IDE internal, half-height DAT72 or AIT-2 Turbo SCSI internal, half-height LTO Ultrium 2 200/400 GB SCSI internal, half-height DVD-RW, DVD/CD-RW and CD-ROM 1+1 610 W hot-swappable, redundant power supply module Altos rack mount kit Altos external storage expansion kit

Product models and specifications may vary depending on country.
Please contact your local Acer office.

Model	Part Number	Price	
Altos G5350 Server Altos G5350 1x AMD Opteron 246 2.0GHz, 2x512MB, 2ch SCSI Controller, NO HDD,SCSI HS cage 4 bays w 3 dummy tray, DVD, Mouse, no KB, 1xLAN Gigabit, 3 Year Warranty Next Business Day	TT.G53E0.001	GBP 899.00	
Altos G5350 Server Altos G5350 1x AMD Dual Core Opteron 270 2.0GHz, 2x512MB, 2ch SCSI Controller, NO HDD,SCSI HS cage 4 bays w 3 dummy tray, DVD, Mouse, no KB, 1xLAN Gigabit, 3 Year Warranty Next Business Day	TT.G53E0.002	GBP 1599.00	
Altos G5350 Server Altos 5350 1*AMD Opteron 246 2.0 GHz, 2*512MB DDR333, DVD, no SCSI controller, no HDD cage, no HDD, 1*Gigabit LAN, mouse, no keyboard, 3 year warranty-onsite next business day	TT.G53E0.011	GBP 825.00	New
Altos G5350 Server Altos 5350 1*AMD Dual Core Opteron 270 2.0 GHz, 2*512MB DDR333, DVD, no SCSI controller, no HDD cage, no HDD, 1*Gigabit LAN, mouse, no keyboard, 3 year warranty-onsite next business day	TT.G53E0.012	GBP 1400.00	New

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Pricelist
Valid from 01/02/2006

Acer Altos G710

Highly expandable application server

Standard Configuration	
Form Factor	Tower, rack/5U
Processor	Dual Intel® Xeon™ processors from 2.8 to 3.6 GHz or higher Intel® HT technology 800 MHz FSB Supports Intel® Extended Memory 64 technology
Number of processors (Std/Max)	1 / 2
Cache (Max)	1MB L2
Memory (Std/Max)	Up to 16GB of DDR2 400 SDRAM* 8 DIMM slots Supports memory mirroring technology and memory sparing technology * As 2GB DIMM's become available
Expansion slots	Two X4 PCI Express™ slots Three 64-bit/100 MHz PCI-X slots One 32-bit/33 MHz PCI slot
Storage interface	Integrated dual channel U320 SCSI
Disk bays	8 Hotswap sATA or SCSI HDD's DVD and Floppy 2 free 5.25" bays
Max Internal Storage	1.17TB SCSI (8 146GB SCSI drives)
Network Interface	Integrated dual gigabit-LAN with load balancing and fault tolerance supported
System Power Supply (Std/Max)	550W Switching Power Supply/ 1+1 Redundant Hot Swap Option
Hot Swap Components	Hard disk drives System power supplies, System cooling fans
RAID support	Embedded SCSI RAID 1/10 support Optional SCSI RAID on Motherboard (ROMB) support RAID level 1,5,10,50
Systems management	Acer EasyBUILD™ Acer Server Manager (ASM) Acer ePanel (optional) Acer Remote Management Card (optional) Acer eBusiness Value Pack - CA eTrust™ Antivirus v7.1 - CA BrightStor® Backup Server
Floppy and CD	3.5"1.44 MB floppy disc drive 5.25"high-speed DVD
Cooling system	Hotswap cooling fans
Operating systems supported	MS Windows 2000 Server MS Windows 2003 Server Novell Netware 6.5 Red Hat Linux 3.0 Enterprise Edition SCO Openserver 5.0.7 SCO Unixware 7.1.4
Safety	UL/cUL, Nemko GS, CE mark
EMI	FCC Class B, BSMI, CCC
Weight	32 kg - System weight will vary according to configuration. The weight indicated is for a typical configuration.
Dimensions	440 (H) x 220 (W) x 660 (D) mm
Security features	Altos EasyDiagnostics Door intrusion alert Lockable door
Onboard I/O connectors	Two PS/2 ports 9-pin serial port 25-pin parallel port Four USB ports (two ports front accessible) Two Ethernet (RJ-45) ports VGA/video port
Options and accessories	512 MB, 1 or 2 GB DDR2 400 registered ECC DIMM modules 73 GB (10,000 or 15,000 rpm) or 146 GB (10,000 rpm) U320 SCSI HDDs, Hot-swappable with 80-pin connectors ASC single-channel SCSI card ASC dual-channel SCSI card RAID upgrade kit 10/100/1000 Ethernet server adapter DDS4, DAT72, AIT-2 SCSI internal, half-height tape backup drive LTO Ultrium 1 100/200 GB internal half-height LTO Ultrium 2 200/400 GB internal full-height backup drive 550 W redundant, hot-swappable power supply module DVD-RW, DVD/CD-RW, and CD-ROM Altos external storage expansion kit Altos rack mount kit

Product models and specifications may vary depending on country.
Please contact your local Acer office.

Model	Part Number	Price	
Altos G710 Server Altos G710 1x Xeon 3.4GHz/800/2MB, 2x512MB, NO HDD, NO HDD Cage, DVD, Mouse, no KB, 2xLAN Gigabit, Value Pack, 3 Year Warranty Next Business Day	TT.G72E0.015	GBP 1400.00	
Altos G710 Server Altos G710 1x Xeon 3.6GHz/800/2MB, 2x512MB, NO HDD, NO HDD Cage, DVD, Mouse, no KB, 2xLAN Gigabit, Value Pack, 3 Year Warranty Next Business Day	TT.G72E0.016	GBP 1600.00	

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Altos General Purpose Server (Altos G series) Server & Storage

Pricelist
Valid from 01/02/2006

Acer Altos G900

Standard Configuration	
Processor	Up to four Intel® Xeon™ processors MP from 1.4GHz 400MHz FSB
Chipset	ServerWorks® GC-HE
VGA	ATi® Rage XL with 4MB of integrated VRAM
Memory	12 DIMM slots Up to 12GB of DDR266 RAM supported*
Expansion slots	Four hot-swappable 64-bit PCI-X slots Two standard 64-bit PCI-X slots Two 32-bit PCI slots
On-board I/O connectors	Two PS/2 ports One 25-pin parallel port Two Ethernet (RJ-45) ports One 9-pin serial port Three USB ports (one front accessible) One external monitor VGA port
SCSI controller	Adaptec® 7899W 2-channel U160 SCSI controller
RAID support	Add on SCSI RAID supported
LAN controller	Integrated gigabit-LAN**
Security features	Altos EasyDiagnostic LEDs Lockable door with intrusion alert
System power supply	2+1 600W hot-swappable SPS
Cooling system	Six hot-swappable fans
Floppy disc drive	One 3.5"1.44MB FDD
Optical drive	One high-speed IDE CD-ROM
Hard disc drive	Up to ten hot-swappable 73GB HDDs supported
Peripherals	Acer monitor and keyboard
Chassis form factor	Tower 7U rack mountable
Dimensions	459mm(H) X 310mm(W) X 641mm(D)
Weight	60kg***
Safety	UL/CUL (CSA), CE, CB, CCC, NEMKO-GS
EMI	FCC Class A, CE mark, BSMI
Management Utilities and Applications	Acer EasyBUILD™ Platform Instruction Control (PIC) DMI Explorer LAN-Alert Viewer Acer Server Manager Enterprise (ASMe) Direct Platform Control (DPC) Console Client System Setup Utility (CSSU)
Operating System Support	Microsoft® Windows® 2000 Server Microsoft® Windows® 2000 Advanced Server Red Hat® Linux 7.3 Novell® NetWare® 6.0 SCO OpenServer 5.0.6 SCO UnixWare 7.1.1
Options and Accessories	128MB, 256MB, 512MB, and 1GB DDR 266 registered ECC SDRAM DIMM 18GB, 36GB, 73GB Ultra160 SCSI hard discs (10,000 rpm) hot-swappable with 80-pin connectors 2-channel U160 SCSI card, 2/4-channel U160 SCSI RAID card External 56K modem Intel® PRO 10/100Mbit LAN Intel® gigabit-LAN** DDS4 DAT 20/40GB 68-pin internal drive DLT 40/80GB 68-pin half-height internal drive LTO Ultrium 1 100/200GB 68-pin internal drive Altos S300 SCSI Storage Expansion Kit 600W redundant power supply module Altos G900 Rackmount Kit

Your business centre

Product models and specifications may vary depending on country.
Please contact your local Acer office.

Model	Part Number	Price	
Altos G900 1 x Xeon 3.0Ghz / 400 / 4MB, 4 x 256MB, No HDD, Euro & UK Eng. Manual, no keyboard or mouse	TT.G91E0.016	GBP 6069.00	

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Altos Rack Optimized Server (Altos R series)

Acer Altos R510: Dual processor low profile edge of network solution

The Acer Altos R510 is a value-packed, entry-level 1U server for Web and network infrastructures. The Acer Altos R510 is designed with all the performance a fast paced, fast growing front-end and single-function application demands in a 1U server. The 1U size and the 2-way processor capability provide the customers with a low cost, rack-optimized solution for single function and front-end applications.

Exceptional price performance

Flexible systems design methodologies allow you to configure the Acer Altos R510 to match your application environment. The performance features include the 64-bit Intel® Xeon™ processor with HT, standard 1GB Registered ECC DDR SDRAM DIMMs expandable to 12GB for future investment protection. Finally 64-bit PCI-X slots offer twice the bandwidth of 32-bit PCI for enhanced data transfer rates and PCI-Express is optionally supported to provide the latest in Peripheral interconnect technology. The Acer Altos R510 also includes an integrated Dual-Gigabit controller for flexible network connectivity, three SATA or SCSI hard drive bays for internal data storage, SATA RAID 0 or 1 for data protection and availability of servers. In addition, RAID 5 can be supported as an option.

Rack optimised

The Acer Altos R510 is a rack optimised solution, which will integrate smoothly into any standards based computing environment. When you're adding an Acer Altos R510 server to your existing network, you can do so with confidence, knowing that your server is built using proven Acer and Intel® technologies. Acer also offers a full range of Acer Altos rack equipment, which is designed for highest serviceability and optimum manageability.

Easy to install and manage

Acer Easybuild simplifies the installation and set-up, by providing an intuitive GUI based process and by providing all relevant tools to set up your Acer Altos R510. Advanced Server Manager Software makes comprehensive systems management easy.ASM provides performance management and critical event management services to network administrators. These components help you control IT expenses by making the Acer Altos R510 simple and efficient to manage.

Typical solution scenarios

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- Front-end Server for:
  - Web hosting
  - Video Streaming
  - Media applications
- Utility infrastructure services:
  - Domain controller
  - Gateway
  - DNS
  - Firewall
- Web apps
- Clustered applications services

Acer Altos R710: Powerful solution for Web and network infrastructures

HIGHLIGHTS

- High density server 2U form factor
- High performance rack optimised application server with support for with 64 Bit Processing technology
- Highest internal expandability in class
- Tool-less design for highest servicability
- Comprehensive systems management and installation solutions

The Acer Altos R710 is a powerful 2U server for Web and network infrastructures. The R710 is designed with all the performance a fast paced, fast growing front-end and single-function applications demands in a rack optimised server. The Acer Altos R710 allows you to serve more Web pages, handle more secure connections, support more e-mail users—all while reducing cost and saving space.

Increased performance

Flexible systems design methodologies allow you to configure the R710 to match your budget and application requirements. The performance features include dual high-speed Intel® Xeon™ processors, which support Intel® EM64T technology. This means your system is already compatible with forthcoming native 64-bit operating systems and applications. The R710 delivers maximum Acer Altos performance density of flexible stand-alone server and simplifies cabling and helps reduce behind-the-rack clutter. DDR2 memory boosts performance, and is expandable to 12GB for future investment protection. The new memory subsystem on the R710 supports memory mirroring and sparing. Flexible design methodologies mean that you can selected between PCI-X and PCI Express expansion slots.

Rack optimised

The AcerAltos R710 is a rack-optimised solution, which will integrate smoothly into any standards based computing environment. When you are adding an Altos R710 server to your existing network, you can do so with confidence, knowing that your server is built using proven Acer and Intel® technologies. Redundant power supplies and hot-swap redundant system fans are supported for rack system thermal airflow management and are optimised for rack server grade serviceability. Acer also

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offers a full range of Acer Altos rack equipment, which is designed for highest serviceability and optimum manageability.

Easy to install and manage

Acer Easybuild simplifies the installation and set-up, by providing an intuitive GUI Based process and by providing all relevant tools to set up your Acer Altos R710. Advanced Server Manager software makes comprehensive systems management easy.ASM provides performance management and critical event management services to network administrators. These components help you control IT expenses by making the R710 simple and efficient to manage.

Typical solution scenarios

- Large utility infrastructure services:
- - Domain controller
- - Gateway
- - DNS
- - Firewall
- Web hosting
- Terminal services
- Data center utility

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Altos Rack Optimized Server (Altos R series) Server & Storage

Pricelist
Valid from 01/02/2006

Acer Altos R510

Standard Configuration	
Form Factor	1U Rackmount
Processor	Dual Intel® Xeon® processor from up to 3.6GHz with 800MHz front-side bus (FSB) and 1(or 2)MB L2 cache
Number of processors (Std/Max)	1/2
Cache (max)	2MB
Memory (Std/Max)	Six DIMM slots Maximum 12GB of ECC DDR333 RAM Dual Channel Memory Bus supported
Expansion slots	One 64-bit 100 MHz PCI-X slots (3.3v) for low profile cards One 64-bit 100 MHz PCI-X slots (3.3v) for full height cards or 1 PCI-Express 4x slot full height
Storage interface	Integrated Dual SATA Controller Optional SCSI support
Disk bays	Standard 3x 3.5"Non Hot-Swap (one can be converted for FDD) Possible conversion to 3x Hot swap SCSI or SATA with corresponding backplane
Max Internal Storage	Maximum 3 SATA HDDs (Max. 750 GB) Maximum 3 SCSI HDDs (Max. 900 GB)
Network Interface	Integrated Dual Gigabit Ethernet
Power Supply	450W switching power supply
Hot Swap Components	optional Hot swap HDD
RAID support	Native sATA RAID 0 or 1
Systems management	Acer Altos Advanced Server Manager Acer Altos Easybuild
Floppy and CD	Optional Slim type 1.44MB FDD (conversion of 1st HDD bay) Slim type DVD/CD-RW
Cooling system	Six system fans
Operating systems supported	Microsoft Windows Server 2003 Microsoft Windows 2000 Advanced Server Edition Novell NetWare 6.5 Red Hat Enterprise Linux SCO OpenServer 5.0.7 SCO UnixWare 7.1.3
Safety	UL/cUL, CB, CE, CCC, Nemko/GS
EMI	FCC, CE, BSMI, CCC
Weight	16 kg
Dimensions	44(H)x430(W)x672(D)mm

Dual processor low profile edge of network solution

Product models and specifications may vary depending on country.
Please contact your local Acer office.

Model	Part Number	Price	
Altos R510 Server Altos R510 , Rack 1U, 1x Xeon 3.0GHZ/800/1MB, 2x512MB, DVD/CDRW, Rack Rail Kit, 2xLAN Gigabit OB, no HDD, 2x PCI-X (full/low), no FDD, no KB, 3 Year Warranty On Site Next Business Day	TT.R51E0.001	GBP 969.00	↘
Altos R510 Server Altos R510 , Rack 1U, 1x Xeon 3.0GHZ/800/1MB, 2x512MB, DVD/CDRW, Rack Rail Kit, 2xLAN Gigabit OB, no HDD, SATA HDD Backplane, 2x PCI-X (full/low), no FDD, no KB, 3 Year Warranty On Site Next Business Day	TT.R51E0.002	GBP 1059.00	↘
Altos R510 Server Altos R510 , Rack 1U, 1x Xeon 3.0GHZ/800/1MB, 2x512MB, DVD/CDRW, Rack Rail Kit, 2xLAN Gigabit OB, no HDD, SCSI HDD Backplane, 2x PCI-X (full/low), no FDD, no KB, 3 Year Warranty On Site Next Business Day	TT.R51E0.004	GBP 1149.00	↘
Altos R510 Server Altos R510 , Rack 1U, 1x Xeon 3.0GHz/800/2MB, 2x512MB, DVD/CDRW, Rack Rail Kit, 2xLAN Gigabit OB, no HDD, no HDD Backplane, no FDD, no KB, 3 Year Warranty On Site Next Business Day	TT.R51E0.005	GBP 1000.00	
Altos R510 Server Altos R510 , Rack 1U, 1x Xeon 3.2GHz/800/2MB, 2x512MB, DVD/CDRW, Rack Rail Kit, 2xLAN Gigabit OB, no HDD, no HDD Backplane, no FDD, no KB, 3 Year Warranty On Site Next Business Day	TT.R51E0.006	GBP 1050.00	↘

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Altos Rack Optimized Server (Altos R series) Server & Storage

Pricelist
Valid from 01/02/2006

Acer Altos R710

Powerful solution for Web and network infrastructures

Standard Configuration	
Form Factor	Rack/2U
Processor	Dual Intel® Xeon™ processors from 2.8 to 3.6 GHz or higher Intel® HT technology 800 MHz FSB Supports Intel® Extended Memory 64 technology
Number of processors	1 / 2
Cache (max)	1MB L2
Memory (Std/Max)	Up to 12GB of DDR2 400 6 DIMM slots Supports memory mirroring technology and memory sparing technology
Expansion slots	Six PCI Slots Three fixed PCI-X 66/100MHz slots Additional flexible option of: - One PCI-X 66/100MHz slot and two PCI-X 133MHz slots or One PCI-X 66/100MHz slot and two PCI Express x4 Slots
Storage interface	Integrated SCSI
Disk bays	5 x 1" SCSI Hot-Swap Hard Drives bay Optional 6th SCSI HDD upgrade kit
Max Internal Storage	876GB SCSI (6 146GB SCSI drives)
Network Interface	Integrated Dual Gigabit Ethernet
System Power Supply (Std/Max)	700W Switching Power Supply/1+1 Redundant Hot Swap Option
Hot Swap Components	Hard disk drives Power supplies Cooling fans
RAID support	Dual Ultra320 SCSI with modular ROMB option
Systems management	Acer EasyBUILD™ Acer Server Manager (ASM) Acer Remote Management Card (optional) Acer eBusiness Value Pack - CA eTrust™ Antivirus v7.1 - CA BrightStor® Backup Server
Floppy and CD	One slim 3.5"1.44 MB FDD optional (shared slot with optical drive) High speed DVD drive
Cooling system	Four fans Eight hot-swappable, redundant system fans supported
Operating systems supported	MS Windows 2000 Server MS Windows 2003 Server Novell Netware 6.5 Red Hat Linux 3.0 Enterprise Edition SCO Openserver 5.0.7 SCO Unixware 7.1.4
Safety	UL/cUL, Nemko GS, CB, CCC
EMI	EMC, FCC, CE, BSMI, CCC
Weight	25 kg - System weight will vary according to configuration. The weight indicated is for a typical configuration.
Dimensions	87.5 (H) x 430 (W) x 672 (D) mm
Security features	Altos EasyDiagnostics Chassis intrusion alert Lockable door
Onboard I/O connectors	Two PS/2 ports Serial port (RJ-45 compliant) Three USB ports (one port front accessible) Two Ethernet (RJ-45) ports Two VGA/video ports (one port front accessible)
Options and accessories	DDR2 400 registered ECC SDRAM DIMM modules :512 MB, 1 or 2 GB HDDs: 73, 146 GB (10,000 or 15,000 rpm) U320 SCSI with SCA-II (80-pin) connectors ASC/3S single-channel U320 SCSI ASC/3D dual-channel U320 SCSI ASRC/3S single-channel U320 RAID ASRC/3D dual-channel U320 RAID 10/100/1000 Ethernet server adaptor Acer Remote Management Card DVD-RW, DVD/CD-RW and CD-ROM Acer AIT-2 50/130 GB SCSI tape drive Acer DAT-72 36/72 GB SCSI tape drive Acer DDS4 20/40 GB SCSI tape drive Altos rack mount kit

Product models and specifications may vary depending on country.
Please contact your local Acer office.

Model	Part Number	Price	
Altos R710 1 x 3.2GHz/800/1MB, 2 x 512MB DDR2/400, DVD 24x, no HDD	TT.R72E0.005	GBP 1449.00	
Altos R710 Server Altos R710 , Rack 2U, 1x Xeon 3.0GHz/800/2MB, 2x512MB DDR2/400, DVD/CDRW slimline, no HDD, 2x LAN Gigabit OB, Value Pack, no FDD, no KB, 3 Year Warranty On Site Next Business Day	TT.R72E0.010	GBP 1500.00	
Altos R710 Server Altos R710 , Rack 2U, 1x Xeon 3.2GHz/800/2MB, 2x512MB DDR2/400, DVD/CDRW slimline, no HDD,	TT.R72E0.011	GBP 1550.00	

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2x LAN Gigabit OB, Value Pack, no FDD, no KB, 3 Year Warranty On Site Next Business Day			
Altos R710 Server Altos R710 , Rack 2U, 1x Xeon 3.4GHz/800/2MB, 2x512MB DDR2/400, DVD/CDRW slimline, no HDD, 2x LAN Gigabit OB, Value Pack, no FDD, no KB, 3 Year Warranty On Site Next Business Day	TT.R72E0.012	GBP 1700.00	

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Altos Storage Array System (Altos S Series)

Acer Altos Storage S700F Fibre Channel RAID Array: Flexible, high performance 2Gb Fibre Channel Storage solution

The Acer Altos Storage S700F Fibre Channel RAID Array provides high performance and maximum availability to your storage environment. It uses the latest 2Gbps Fibre Channel storage networking technology, providing customers with enterprise like capabilities found in high end models, but at a much lower cost.
Based on a modoular, “building block”design, The Acer Altos Storage S700F Fibre Channel RAID Array offers exceptional scalablility both in capacity, availability & performance. It enables users to quickly and cost-effectively optimize individual storage solutions to accommodate their changing needs.
The S700F RAID Array is designed for maximum data availability with redundant, hot-swappable, dual host port RAID controllers, power supplies, advanced cooling modules and battery-protected mirrored write cache.
The management software, Spheras Storage Director provides an intuitive console user interface allowing administrators to centrally manage all storage resources locally or remotely with notification utilities alerting administrators to system irregularities.

Acer Altos S205F SATA RAID Array: Fibre Channel modular RAID array with cost-effective, high capacity SATA storage

Altos S205F brings you powerful, high capacity networked storage solutions at an affordable price. Its compact, efficient hardware design incorporates 16 Serial ATA (SATA) drives in a 3U rack-mountable enclosure, achieving maximum capacity of 4TB. Altos S205F supports Windows, Linux and Netware server platforms, with SAN, NAS, or direct-attached connections - so it integrates seamlessly into customer’s existing environment.

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Altos Storage Array System (Altos S Series) Server & Storage

Pricelist
Valid from 01/02/2006

Acer Altos Storage S700F Fibre Channel RAID Array

Flexible, high performance 2Gb Fibre Channel Storage solution

Standard Configuration	
Host interfact	One or two Fibre Channel controllers with dual optical (LC) connections, 200MB/s each (400MB/s total)
Disk drive interface	Dual, independent FC loops, 200MB/s each (400MB/s total) Failover by each controller to both FC loops
Measured performance (dual controllers, RAID 5)	Up to 350MB/s (sustained reads), 270MB/s (sustained writes), 100,000 I/Os
RAID controller specification	Up to 512MB memory per controller 4MB flash memory ECC memory support
CONTROLLER FEATURES	Dual active with automatic, transparent failover/failback Auto-negotiate enables each port on the controller to operate at the maximum speed Replacement controller reflashes firmware to match peer controller LUN masking up to 32 LUNs and 256 host ports supported Cache coherency Battery protected mirrored write cache
RAID level support- 0, 1, 0/1, 3, 5, 10, 30, 50	Any combination of RAID levels can exist within the same FC loop Up to 16 drives per RAID group On-line, dynamic RAID expansion/partitioning Global hot spare drives Up to 32MB I/O request sizes
SYSTEM	Up to 14 drives (2TB) capacity per subsystem, with a total maximum of 112 drives (16.4TB) capacity
Redundant, hot-swappable components	Up to 2 RAID controllers 2 power supply modules 2 independent AC power inlets 2 advanced cooking modules 2 loop resiliency and SES (SCSI Enclosure Services) modules Up to 14 drives
Maximum cable lengths	Host ports (optical): up to 150 meters. Expansion port (copper): up to 6 meters
Monitoring	Temperature, advanced cooling modules, and speed control, power supply modules including analog voltage and current, disk drives, loop resiliency, and SES modules including loop status and speed, I/O modules, 14 drives ESI (enclosure services interface)
Failure notification	Enclosure services via LEDs, audible alarms, FRU (field replaceable unit) revision and serial number reporting, events reported to Spheras Storage Director
Capacity	18G, 36G, 73G, 146G
Rotational velocity	10K RPM, 15K RPM
Management software- Sphera Storage Director	Centralized local or remote management, monitoring and configuration for Microsoft Windows, Sun Solaris Sparc, LINUX Redhat (Kernel 2.4)

Product models and specifications may vary depending on country.
Please contact your local Acer office.

Model	Part Number	Price	
FC RAID ARRAY one SINGLE RAID controller FC storage array. SKU DESCRIPTION: 1x storage enclosure, 1x RAID controllers (1x HSSDC, 2x LC connectors, 128MB ECC cache & battery backup, 1 x RJ-45 port), 2x LS Modules 2x PSMs (Power Supply Module), 2x ACMs (Advanced Cooling Module) RAID configuration software, Manual on CD and power cords.	ST.S70RS.005	GBP 5999.00	
FC RAID ARRAY one DUAL RAID controllers FC storage array. SKU DESCRIPTION: 1x storage enclosure, 2x RAID controllers (1x HSSDC, 2x LC connectors, 128MB ECC cache & battery backup, 1 x RJ-45 port), 2x LS Modules 2x PSMs (Power Supply Module), 2x ACMs (Advanced Cooling Module) RAID configuration software, Manual on CD and power cords.	ST.S70RD.006	GBP 9899.00	

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Altos Storage Array System (Altos S Series) Server & Storage

Pricelist
Valid from 01/02/2006

Acer Altos S205F SATA RAID Array

Standard Configuration	
Host Interface	single or dual FC-to-SATA RAID controllers with dual optical (LC) connectors, 200 Mbps each (400 Mbps total), and 1 expansion port per controller
Hard drive interface	Dual, independent point-to-point SATA connection Fail-over by each controller
RAID controller	single of dual RAID controllers
Cache memory	512 MB or 1 GB ECC memory support each controller
Flash memory	4 MB non-volatile flash memory
RAID level support	0, 1, 0/1, 3, 5, 10, 30, 50
Drives per enclosure	Maximum 16 x 3.5"SATA drives
Drives per subsystem	Maximum 112 drives
Storage capacity	Up to 4 TB per enclosure, 28 TB in a full system
Disc drive support	74 or 250 GB 7,200 or 10,000 RPM
Cache	Maximum 2 GB (1 GB in each RAID controller)
Rack-mount enclosure	3U 447 (W) x 130 (H) x 531 (D) mm
Desk-side cabinet	230 (W) x 501 (H) x 523 (D) mm
Weight	37 kg for rack configuration; 40 kg for tower configuration*
Redundant and hot-swappable components	Dual 450 W power supply modules with advanced cooling modules Hard drives RAID controllers
Enclosure LED indicators	Power LED System fault LED 2 GB Link Speed LED Hub mode LED
Drive LED indicators	Online; access; failure
Audible alarm	Triggered on SPS, fan, or HDD failure
MANAGEMENT UTILITY	Acer RAIDWatch
EMI	FCC Class A, CE, BSMI
Safety	UL/cUL, CE, TUV/GS, CB
Warranty	3 years
Operating system support	Microsoft® Windows® 2000, Microsoft® Windows® Server 2003, Red Hat Linux AS 3.0, Red Hat Linux 9.0, NetWare® 6.x, SCO OpenServer™ 5.0.7, SCO UnixWare® 7.1.3, Solaris 9.0/8.0

Fibre Channel modular RAID array with cost-effective, high capacity SATA storage

Product models and specifications may vary depending on country.
Please contact your local Acer office.

Model	Part Number	Price	
ALTOS S205F FC-TO-SATA RAID ARRAY SINGLE RAID one SINGLE RAID controller FC-to-SATA storage array SKU DESCRIPTION 1 x storage enclosure, 1 x RAID controller (w/512MB cache and BBU), 1 x Blank I/O Module (dummy), 2 x PSMs (w/ cooling), 3 x SFP (optical, LC) Documents: 1 x User Guide, 1 x Quick Installation Guide, 1 x Rack Installation Guide Others: 1 x 4m RS-232 cable, 1 x 3m Ethernet cable, 1 x rack-mount kit, 1 x screw driver (for fixing HDD), 1 x CD (documentation and RAIDWatch utility), 2 x power cords	ST.R0900.001	GBP 2999.00	
ALTOS S205F FC-TO-SATA RAID ARRAY DUAL RAID one DUAL RAID controllers FC-to-SATA storage array SKU DESCRIPTION 1 x storage enclosure (w/ back-plane and ops panel), 2 x RAID controller (w/1024MB cache and BBU), 2 x PSMs (w/ cooling), 6 x SFP (optical, LC) Documents: 1 x User Guide, 1 x Quick Installation Guide, 1 x Rack Installation Guide Others: 1 x 4m RS-232 cable, 1 x 3m Ethernet cable, 1 x rack-mount kit, 1 x screw driver (for fixing HDD), 1 x CD (documentation and RAIDWatch utility), 2 x power cords	ST.R0900.003	GBP 7299.00	

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Altos Networked Storage Infrastructure

Altos Tape Backup Automation: EASY BACKUP AUTOMATION AT AN AFFORDABLE PRICE

When the number-one reason for data loss is human error, automation can help businesses improve the data protection. Automating the backup process is easy and affordable with Acer Altos LTO2 Tape Autoloader. It provides a native capacity of up to 1.6 TB at 2U in height. Starting at a very affordable price, the Altos LTO2 Tape Autoloader offers optional features such as remote management utility, bar code reader to simplify the data backup and restore management. By eliminating the administrative costs and downtime associated with manual backups, automating the backup process protects both your data and your budget

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Altos Networked Storage Infrastructure Server & Storage

Pricelist
Valid from 01/02/2006

Altos Tape Backup Automation

Standard Configuration	
Maximum Capacity per Cartridge	LTO2 200GB native, 400GB compressed
Maximum Data Transfer Rate	LTO2 native 24MB/s, compressed 48MB/s
Capacity	native 1600GB, compressed 3200GB (2:1 compression ratio assumed)
Drive	One LTO Ultrium-2 HH drive
Number of Slot	8
Supported Media	LTO Ultrium-1, LTO Ultrium-2, LTO cleaning cartridge
Power Consumption	100-127V AC or 100-240V AC / 50-60Hz
Noise Level (idle)	<55 dbA. Meeting the "Quiet Office"requirement
Robotics and Drive	Ultra 160 LVD, 16 bit, 68pin, HD connector
Optional	HVD-SCSI
Remote Management Unit	RJ45
MTBF	250,000
Width	406 mm/16 inch
Height	84 mm/3.3 inch
Depth	610 mm/24 inch
Weight	10 kg/22 lbs

EASY BACKUP AUTOMATION AT AN AFFORDABLE PRICE

Product models and specifications may vary depending on country.
Please contact your local Acer office.

Model	Part Number	Price	
Altos LTO2 Tape Autoloader When the number-one reason for data loss is human error, automation can help businesses improve the data protection. Automating the backup process is easy and affordable with Acer Altos LTO2 Tape Autoloader. It provides a native capacity of up to 1.6 TB at 2U in height. Starting at a very affordable price, the Altos LTO2 Tape Autoloader offers optional features such as remote management utility, bar code reader to simplify the data backup and restore management. By eliminating the administrative costs and downtime associated with manual backups, automating the backup process protects both your data and your budget.	ST.TPEAU.001	GBP 3699.00	

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Altos Rack Systems

Altos Rack 1024: Altos 24U Rack System

The Altos 1024 is a 24U rack system shipped fully assembled, ensuring the best manufacturing quality and saving customer's time. The Altos 1024 is an industry standard 19"wide rack with 1000mm depth. It ships standard with sufficient components, ideal for companies looking for a rack system that are immediately ready to be deployed. Acer Altos Rack Systems feature a 24U or full-size 42U rack, a 1U rack console and a variety of KVM switches, power distribution units and uninterruptible power supplies. Together these components provide a rack solution that can help you optimize your IT infrastructure. Acer Altos Rack Systems are designed to reduce the time required to deploy, manage and maintain your Server and Storage equipment. Accessibility and Serviceability. The Acer Altos Rack Systems are designed with a best of breeds approach to simplify installation, enhance security, facilitate system and cable management. The Acer Altos Rack System can accommodate 19-inch wide rack-mount components and can house over 600 kg of internal components. Fully 1000mm deep, it provides ample room for cable management in the rear of the cabinet without interfering with optimal airflow. Manageability One of the highlights of the Acer Altos Rack System is the LCD console. Combining a 17"display with a specially designed keyboard with touchpad, they can be attached to a variety of Acer console switches to manage the setup, administration, and maintenance of up to 42 servers.

The Acer Altos Rack Systems are designed to make Acer hardware installation a fast and painless process via the tool free rails included in Acer Rack Mount Installation Kits and clearly labeled U positions on all rails.

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Altos Rack 1042: Altos 42U Rack System

The Altos 1042 is a 42U rack system shipped fully assembled, ensuring the best manufacturing quality and saving customer's time. The Altos 1042 is an industry standard 19"wide rack with 1000mm depth. It ships standard with sufficient components, ideal for companies looking for a rack system that are immediately ready to be deployed. Acer Altos Rack Systems feature a 24U or full-size 42U rack, a 1U rack console and a variety of KVM switches, power distribution units and uninterruptible power supplies. Together these components provide a rack solution that can help you optimize your IT infrastructure. Acer Altos Rack Systems are designed to reduce the time required to deploy, manage and maintain your Server and Storage equipment. Accessibility and Serviceability The Acer Altos Rack Systems are designed with a best of breeds approach to simplify installation, enhance security, facilitate system and cable management. The Acer Altos Rack System can accommodate 19-inch wide rack-mount components and can house over 600 kg of internal components. Fully 1000mm deep, it provides ample room for cable management in the rear of the cabinet without interfering with optimal airflow. Manageability One of the highlights of the Acer Altos Rack System is the LCD console. Combining a 17"display with a specially designed keyboard with touchpad, they can be attached to a variety of Acer console switches to manage the setup, administration, and maintenance of up to 42 servers. Usability The Acer Altos Rack Systems are designed to make Acer hardware installation a fast and painless process via the tool free rails included in Acer Rack Mount Installation Kits and clearly labeled U positions on all rails.

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Altos Rack Systems Server & Storage

Pricelist
Valid from 01/02/2006

Altos Rack 1024

Standard Configuration

OVERALL HEIGHT WITH PLINTH	1300mm
OVERALL HEIGHT WITHOUT PLINTH	1200mm
EQUIPMENT MOUNTING HEIGHT	1067mm
OVERALL DEPTH WITH PLINTH	1100mm
OVERALL DEPTH WITHOUT PLINTH	1000mm
EQUIPMENT MOUNTING DEPTH	740mm
FREE SPACE IN FRONT OF EQUIPMENT	90mm
FREE SPACE BEHIND EQUIPMENT	90mm
OVERALL WIDTH	600mm
FREE AIRFLOW THROUGH MESH DOORS	63% 63%

Altos 24U Rack System

Product models and specifications may vary depending on country.
Please contact your local Acer office.

Model	Part Number	Price	
Altos Rack 1024 Basic Altos 1024 Basic: 1x 24U Rack, 4x 19" Component Mounting Hole Extrusion, 2x Side Panel D1000, 2x Multifunctional Strut D1000, 2x Door with Lock (front & rear), 1x Top Cover with Cable Entry Installed with "BrushStrip", 1x Mobile Plinth D1100 with Cable Entry and Leveling Feet, 1x Complete Earthing set, 1x (50pcs) Cage Nut M5, 1x (50pcs) Oval Head Screw M5 with Washer, 1x (5pcs) Cable Routing Ring	SO.24U00.001	GBP 1029.00	

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Altos Rack Systems Server & Storage

Pricelist
Valid from 01/02/2006

Altos Rack 1042

Standard Configuration	
OVERALL HEIGHT WITH PLINTH	2100mm
OVERALL HEIGHT WITHOUT PLINTH	2000mm
EQUIPMENT MOUNTING HEIGHT	1867mm
OVERALL DEPTH WITH PLINTH	1100mm
OVERALL DEPTH WITHOUT PLINTH	1000mm
EQUIPMENT MOUNTING DEPTH	740mm
FREE SPACE IN FRONT OF EQUIPMENT	90mm
FREE SPACE BEHIND EQUIPMENT	90mm
OVERALL WIDTH	600mm
FREE AIRFLOW THROUGH MESH DOORS	63%
LOAD RATING WITH PLINTH	300kg static
LOAD RATING WITHOUT PLINTH	600kg static
EQUIPMENT MOUNTS	19'' cage nut mounts to IEC 297-3
IP RATING	IP20
TESTS	earthing to VDE 0100 P 540 vibration test to MIL-STD 810 E IP test to DIN 40 050 / IEC 529
BASIC FRAME MATERIAL	aluminium extrusion / casting
PANEL MATERIAL	Sheet steel, powder coated RAL 7021 dark grey

Altos 42U Rack System

Product models and specifications may vary depending on country.
Please contact your local Acer office.

Model	Part Number	Price	
Altos Rack 1042 Basic Altos 1042 Basic: 1x 42U Rack, 4x 19" Component Mounting Hole Extrusion, 2x Side Panel D1000, 2x Multifunctional Strut D1000, 2x Door with Lock (front & rear), 1x Top Cover with Cable Entry Installed with "BrushStrip", 1x Mobile Plinth D1100 with Cable Entry and Leveling Feet, 1x Complete Earthing set, 1x (50pcs) Cage Nut M5, 1x (50pcs) Oval Head Screw M5 with Washer, 1x (5pcs) Cable Routing Ring	SO.42U00.001	GBP 1069.00	

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